

• Overall, since the arrays would be randomized, we can work on predictions using smaller arrays which are effective in this case In [25]: print(DTR) [13207 16500 17710 13295 7198 8013 10295 25552 14869 15985 12964] These are the newly predicted array values from our most accurate model • Here is a final analysis using the following table Car Maker Prices

We print the respective car maker present in this array

Mercedes-Benz 25552 Mitsubishi 14869 Volvo 15985 Plymouth 12964

• In our output, we can clearly see that prices have been altered • Now there may be some doubts you may have of this final output • For example, the huge difference in the two Toyota prices • Another example, if you wanted to run the algorithm again, but you see observations with price outputs that may not make sense to you • If either of those examples are the case, then let me remind you that every observation and its relative price are based not only on the factors that affect price, but also on the other 20 + factors present in the original dataset • So for example, a Toyota of 7198 may have less value than a Toyota of 13295 because of the difference in horsepower or engine-size • Overall, this is a randomized array, so the more trials you run, the more results and possibilities you can analyze

Chevrolet 13207

Audi 17710

7198

8013

Toyota 13295

Isuzu 10295

Alfa-Romero 16500

Toyota

Subaru